

Table 298.—Statistical profile of persons receiving doctor's degrees, by field of study: 1999–2000

Item	All fields	Field of study								
		Education	Engineering	Humanities	Life sciences	Physical sciences ¹		Business and management	Social sciences and psychology	Other professional fields
						Total	Mathematics			
1	2	3	4	5	6	7	8	9	10	11
Doctor's degrees conferred (number)	41,368	6,420	5,330	5,634	8,529	6,077	1,048	1,071	7,115	1,186
Sex (percent)										
Men	56.1	35.1	84.2	49.7	53.1	75.8	75.4	68.1	45.4	50.7
Women	43.9	64.9	15.8	50.3	46.9	24.2	24.6	31.9	54.6	49.3
Racial/ethnic group (percent) ²										
American Indian	0.6	0.9	0.3	0.5	0.4	0.5	0.4	0.6	0.7	0.2
Asian	7.9	3.1	17.9	4.4	11.7	10.7	12.5	9.7	5.5	5.8
Black	6.1	12.6	3.3	3.8	3.8	2.9	2.5	6.1	6.6	9.6
Hispanic	4.4	5.1	3.2	4.8	4.0	3.5	2.5	3.0	5.1	3.8
White	81.0	78.3	75.2	86.5	80.1	82.5	82.1	80.6	82.0	80.6
Citizenship (percent)										
United States	67.4	86.2	41.4	78.5	64.6	53.6	49.0	62.5	76.4	72.0
Non-U.S., permanent visa	4.7	1.9	6.6	4.5	5.9	5.9	5.2	5.1	3.5	4.6
Non-U.S., temporary visa	23.3	8.4	45.9	13.1	25.7	35.6	42.2	27.6	14.6	20.0
Unknown	4.6	3.5	6.2	3.9	3.9	4.9	3.6	4.8	5.5	3.4
Median age at doctorate (years)	33.6	44.4	31.4	34.8	32.1	30.7	30.4	36.7	33.0	39.0
Percent with bachelor's degree in same field as doctorate	52.3	33.7	74.0	47.9	49.3	62.6	69.5	32.0	58.3	29.3
Median time lapse from bachelor's to doctorate (years)										
Total time	10.3	19.4	8.7	11.4	9.0	8.0	7.7	13.0	9.8	14.9
Registered time	7.4	8.1	6.8	8.8	7.0	6.8	6.8	7.6	7.5	8.5
Postdoctoral plans (percent)										
Postdoctoral study plans	25.1	4.8	19.9	7.8	53.8	39.3	30.9	3.3	20.6	6.6
Fellowship	13.2	1.7	6.5	4.1	31.1	17.5	16.1	1.7	14.3	2.4
Research associateship	8.9	1.7	11.6	1.4	16.1	20.2	12.5	0.9	3.8	1.7
Traineeship	0.9	0.4	1.0	0.4	1.9	0.5	1.0	0.3	1.3	0.5
Other	2.0	1.0	0.9	2.0	4.7	1.1	1.2	0.4	1.3	2.0
Postdoctoral employment	65.2	84.3	69.8	82.8	38.6	51.4	61.8	85.9	68.4	83.6
Educational institution ³	35.7	66.3	12.4	63.7	17.2	16.5	34.5	61.8	35.0	53.9
Industry, business	17.1	5.1	48.3	6.4	11.0	27.6	20.6	17.2	12.6	8.9
Government	4.5	3.7	5.9	1.7	4.9	3.2	2.1	2.2	7.2	5.5
Nonprofit organization	3.5	3.8	1.1	3.9	2.4	1.0	1.4	1.8	7.0	10.5
Other and unknown	4.5	5.4	2.1	7.0	3.0	3.1	3.1	2.9	6.7	4.9
Postdoctoral plans unknown	9.7	11.0	10.2	9.4	7.6	9.3	7.3	10.8	11.0	9.8
Primary postdoctoral activity (percent) ⁴										
Research and development	31.2	7.0	69.8	8.7	43.2	56.1	38.7	32.6	29.6	11.3
Teaching	38.0	39.4	11.0	74.4	30.7	26.0	46.1	44.3	33.2	55.9
Administration	12.4	38.0	2.1	5.1	6.8	2.7	1.7	7.8	6.3	13.9
Professional services	12.5	11.1	10.5	5.6	12.9	8.2	6.9	8.9	25.3	12.8
Other	3.4	2.1	4.1	4.1	3.5	3.9	2.7	3.3	3.6	3.5
Activity unknown	2.4	2.3	2.4	1.9	2.9	3.0	3.8	3.0	1.9	2.7
Region of employment after doctorate (percent) ⁴										
New England	6.8	5.2	6.5	7.8	7.4	7.9	8.6	7.1	7.4	5.5
Middle Atlantic	14.0	11.9	13.2	14.2	11.6	18.0	17.3	13.7	15.7	14.0
East North Central	14.1	15.1	14.8	16.3	12.3	12.6	15.2	14.1	13.0	13.4
West North Central	6.6	8.6	3.7	8.6	6.8	4.9	7.6	4.9	5.7	7.7
South Atlantic	17.1	20.9	11.5	15.7	17.2	13.6	14.5	16.3	20.0	19.4
East South Central	4.6	6.9	3.1	5.0	4.2	2.7	3.2	5.5	3.3	6.7
West South Central	8.3	9.6	8.6	7.5	7.6	8.6	8.4	9.1	7.2	8.8
Mountain	5.2	6.3	5.5	4.6	4.8	5.2	4.0	5.5	4.4	6.1
Pacific and insular	13.6	10.4	21.2	11.5	12.9	18.1	13.7	10.5	13.0	7.5
Foreign	9.4	5.0	11.5	8.4	15.0	7.8	7.2	12.8	10.1	10.4
Region unknown	0.2	0.1	0.3	0.2	0.1	0.6	0.4	0.5	0.2	0.5

¹Includes mathematics, computer science, physics and astronomy, chemistry, and earth, atmospheric, and marine sciences.

²Distribution by race/ethnicity based on U.S. citizens and those with permanent visas only.

³Includes 2-year, 4-year, and foreign colleges and universities, medical schools, and elementary/secondary schools.

⁴Includes only recipients with definite employment plans.

NOTE: The above classification of degrees by field differs somewhat from that in most publications of the National Center for Education Statistics (NCES). The major differences are that history is included under humanities rather than social sciences and

that psychology is included under social sciences. Includes Ph.D., Ed.D., and comparable degrees at the doctoral level. Excludes first-professional degrees, such as M.D., D.D.S., and D.V.M. The number of degrees also differs slightly from that reported in the NCES "Completions" survey. The above tabulation excludes some non-research doctorate degrees such as doctor's degrees in theology. Total includes a small number of graduates not reported by field of study. Detail may not sum to totals due to rounding.

SOURCE: National Science Foundation, National Institutes of Health, U.S. Department of Education, National Endowment for the Humanities, U.S. Department of Agriculture, and the National Aeronautics and Space Administration, *Doctorate Recipients from United State Universities, 2000*. (This table was prepared May 2002.)